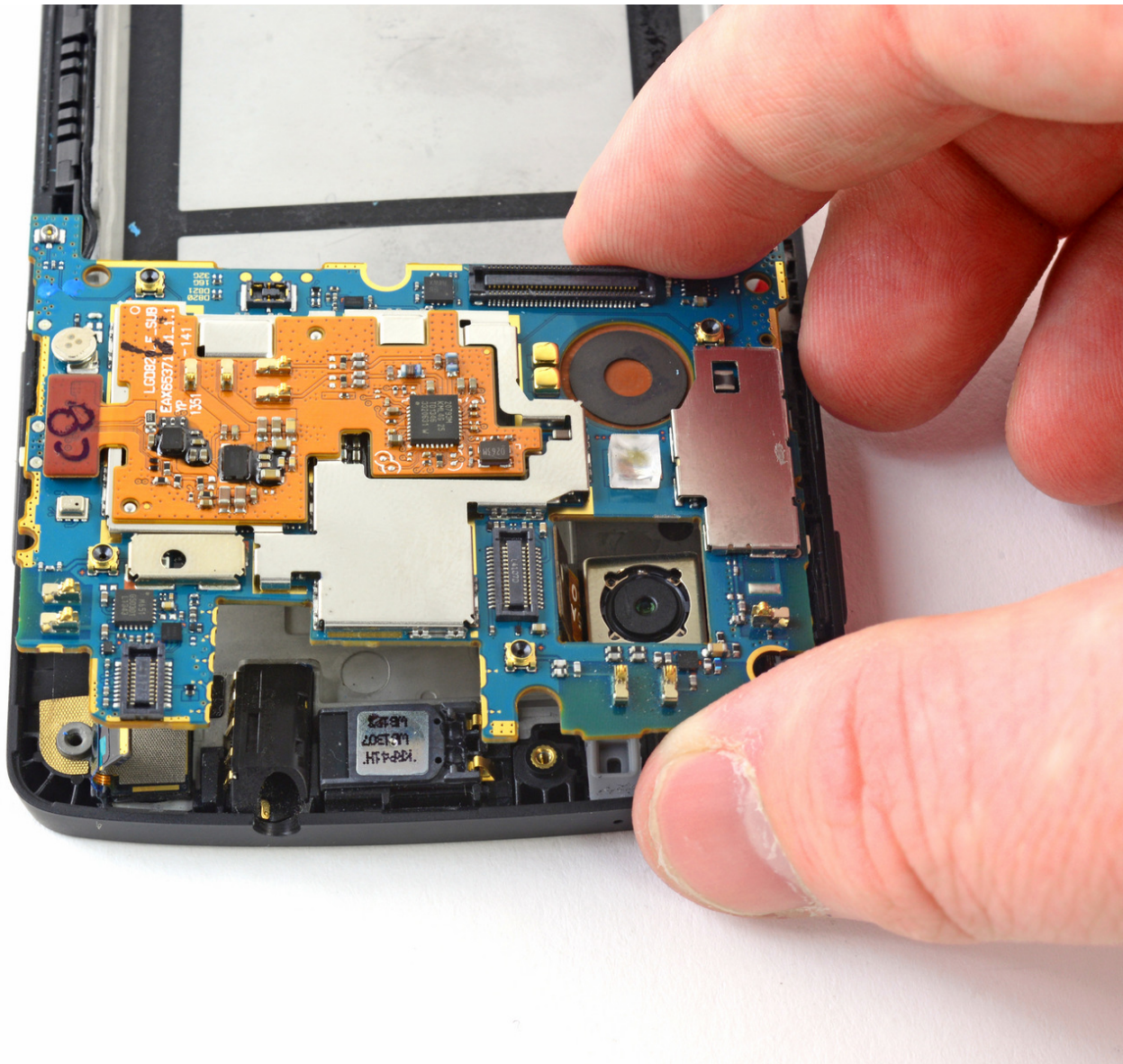




# Nexus 5 Motherboard Replacement

Replace the motherboard in your Nexus 5.

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## INTRODUCTION

Use this guide to replace the motherboard in your Nexus 5.



### TOOLS:

- [iFixit Opening Tools](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)



### PARTS:

- [Google Nexus 5 \(LG-D820\) Motherboard](#) (1)
- [Nexus 5 Antenna Cables](#) (1)

## Step 1 — SIM Card



- Insert a SIM card eject tool or a paper clip into the hole next to the SIM card slot, which is located just under the power button.
- Push the tool into the hole until you see the card pop out.

## Step 2



- Gently remove the SIM card with your fingers, or a pair of tweezers if the SIM holder does not fully eject.
- ★ Make sure the chip is facing the rear of the phone when reinserting the SIM card.

## Step 3 — Back Cover



- Use a [plastic opening tool](#) to free the clips on the top and each side of the back cover.
- i** The bottom is secured with some adhesive foam. You should be able to finally free the back cover using an [opening pick](#).
- i** It's best to avoid prying around the SIM card slot, as the plastic here is very thin and likely to break from prying.

## Step 4 — Midframe



- Remove the six 4.0 mm Phillips #00 screws that secure the midframe to the phone.
- To replace the LCD screen and digitizer, remove the additional four 4.0mm daughterboard cover screws with the same screwdriver.



## Step 5



- Remove the midframe from the phone.

## Step 6 — Battery



- Use the flat end of a [nylon spudger](#) to disconnect the battery connector.

## Step 7



- Use the flat end of a spudger to disconnect the daughterboard ribbon cable and pull it away from the battery.

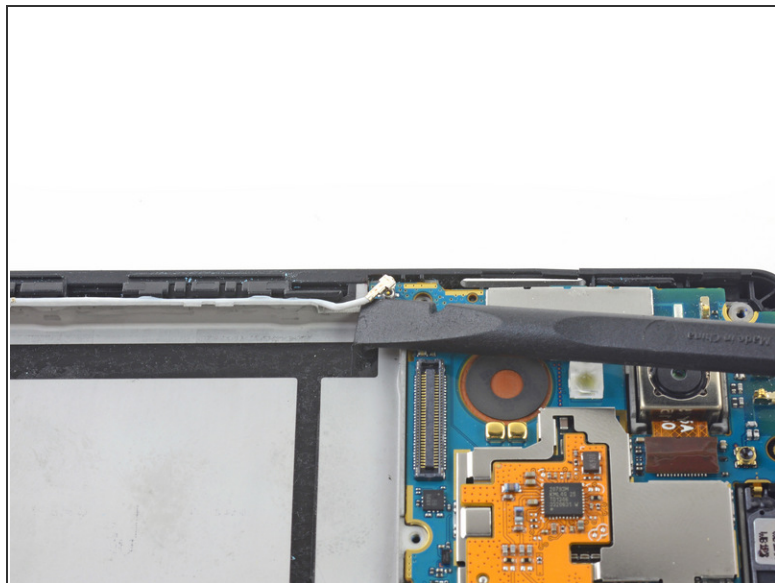
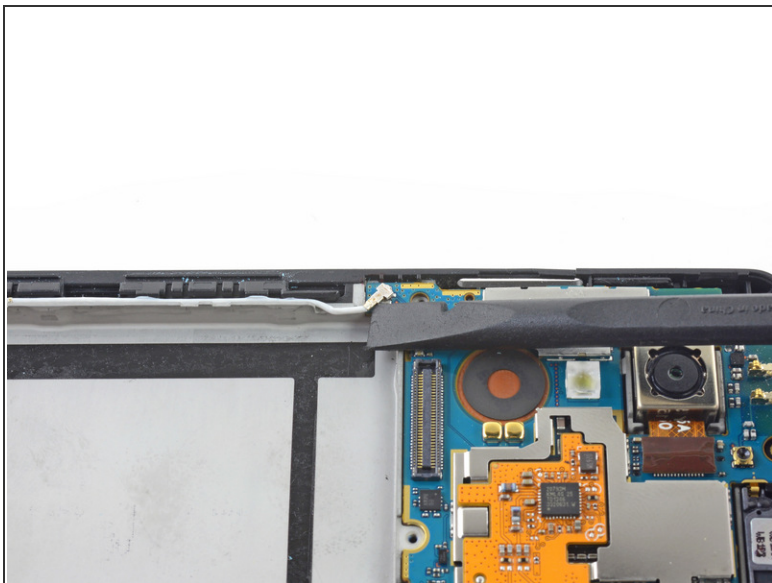
## Step 8



- Use a plastic opening tool to pry the battery out of its housing.
- ⓘ You may need to use a heat gun to apply a small amount of heat to soften the adhesive below the battery.
- ⚠ Do not puncture or bend the battery.

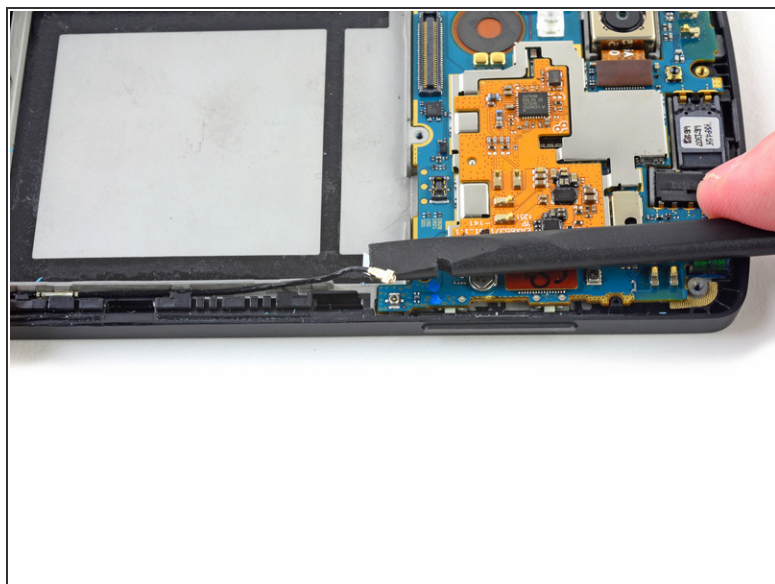


## Step 9 — Motherboard



- Use the flat end of a spudger to disconnect the left antenna cable.

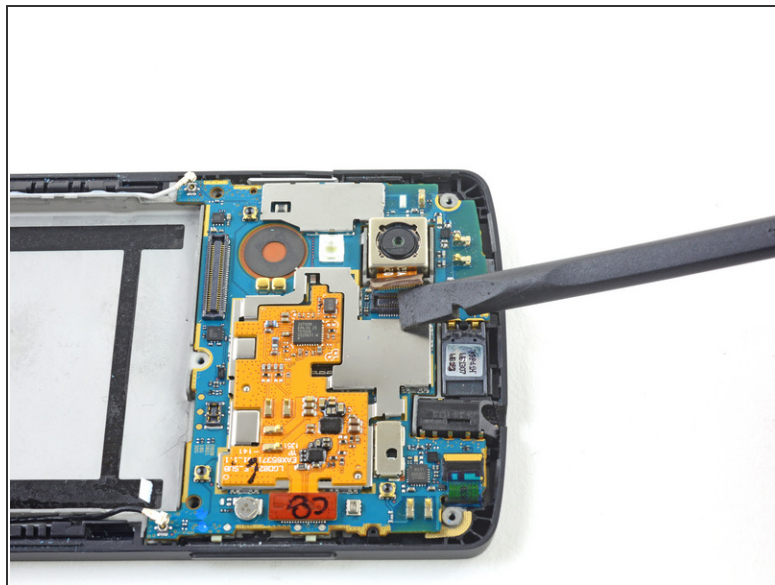
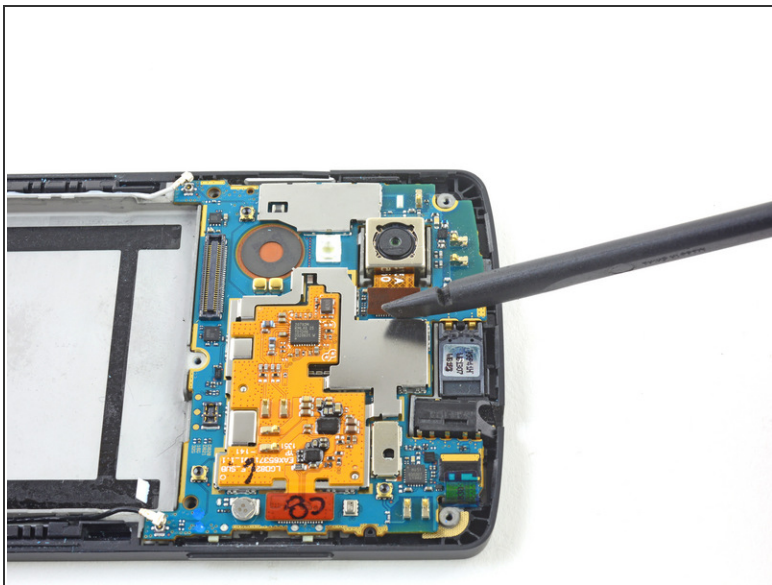
## Step 10



- Use the flat end of a spudger to disconnect the right antenna cable.

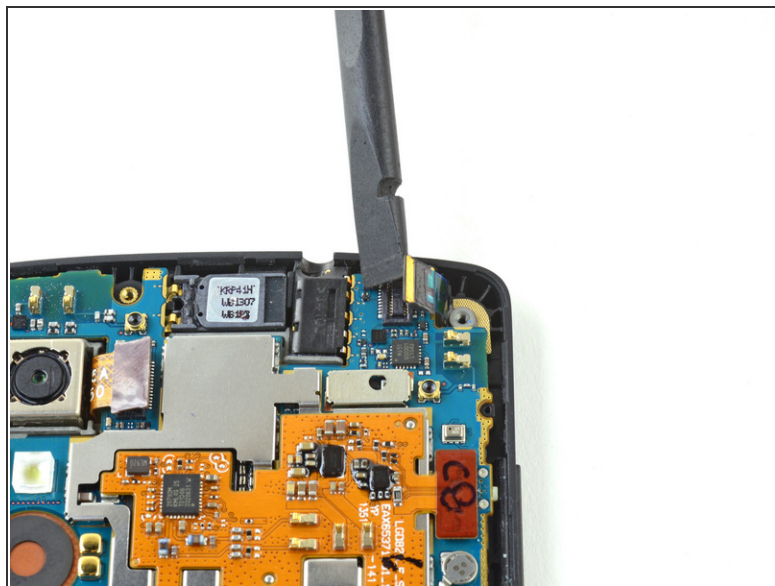
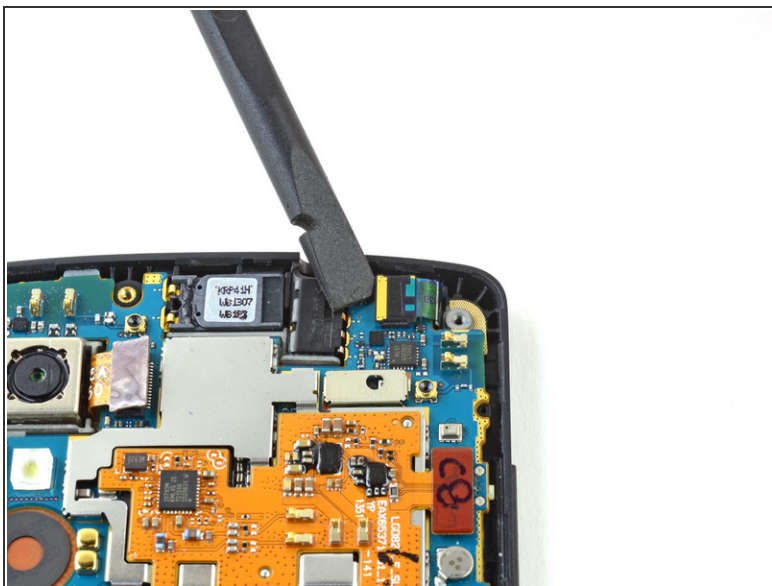
★ These must be firmly secured during reassembly. Failure to secure the antenna connections will affect your reception and call quality.

## Step 11



- Use the flat end of a spudger to disconnect the ribbon cable that connects rear-facing camera to the motherboard.

## Step 12



- Use the flat end of a spudger to disconnect the front camera ribbon cable.



## Step 13



- Gently lift the motherboard up and out of the device.

To reassemble your device, follow these instructions in reverse order.

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